



## PATENT ABSTRACTS OF JAPAN

(11) Publication number: **08319110 A**(43) Date of publication of application: **03.12.96**

(51) Int. Cl

**C01B 33/14**  
**B05D 5/06**  
**C03C 17/30**  
**C08J 7/00**  
**C08J 7/04**  
**G02B 1/10**  
**G02B 1/11**

(21) Application number: **07126602**(71) Applicant: **SEKISUI CHEM CO LTD**(22) Date of filing: **25.05.95**(72) Inventor: **MIYAZAKI MIYUKI**

**(54) PRODUCTION OF INORGANIC CONDENSED COMPOSITION, STABLE INORGANIC CONDENSED COMPOSITION AND PRODUCTION OF LAMINATE**

(57) Abstract:

PURPOSE: To improve shelf stability of an inorganic composition by blending a specific condensed composition with an alkylalkoxysilane.

CONSTITUTION: (A) A condensed composition is obtained by mixing 1mol of a tetraalkoxysilane of the formula  $\text{Si}(\text{OR})_4$  (R is a 1-5C alkyl) with 2-8mol of basic water having pH10.0 to pH12.0 and 10-30mol of an organic solvent. (B) Another condensed composition is

obtained by mixing 1mol of a tetraalkoxysilane of the formula  $\text{Si}(\text{OR}^1)_4$  ( $\text{R}^1$  is R) with 3-8mol of acidic water having pH0 to pH2.6 and 10-30mol of an organic solvent. (C) A condensed composition is obtained by mixing the component A with the component B in the weight ratio of the components A/B of 0.4-2.4. The component C is mixed with an alkylalkoxysilane of the formula  $(\text{R}^2)_n\text{Si}(\text{OR}^3)_{4-n}$  ( $\text{R}^2$  and  $\text{R}^3$  are each a 1-5C alkyl; (n) is 1-3) in an amount to give 0.1-2mol of the alkylalkoxysilane based on 1mol of the total of the tetraalkoxysilanes used in the production of the composition C.

COPYRIGHT: (C)1996,JPO